



# 2017 Self-Service User Guide for **ASSA Job Seekers**

How To Register For, Enter a Job Seeker Account,

& Update Your Resume Online Using

IllinoisJobLink.com —

And The JEL Classification System

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(Revised Date: September 8, 2016) Version 13.2.12

## ILLINOISJOBLINK.COM SELF-SERVE JOB SEEKER USER GUIDE

## **Internet Entry**

These are the *new* step-by-step guidelines you will need to register for the 2017 ASSA Professional Placement Service using an online labor exchange system called **IllinoisJobLink.com** (IJL). Included in the new guidelines, beginning on page 11, are the JEL Classification Codes used by **Job Openings for Economists** (JOE) from the **American Economic Association** (AEA) Web site. These may be used when selecting a Job Title/Titles in the New Resume section for your resume(s), and referencing JEL secondary level codes as a guide for keywords you may wish to include when conducting an advanced job search for the right job openings. The ASSA Professional Placement Center will be located this year in Riverwalk A & B of the Sheraton Grand Chicago, January 5<sup>th</sup> through 8<sup>th</sup> from 8:00 am through 5:00 pm each day.

These comprehensive guidelines explain how to register a new account in the "Create an Account" section as well as how to create a "Plus Account" which will enable you to post a resume and select the "talents" you should use to find the best jobs you are most qualified to fill. You can also use it to update your registration and resume.

Illinois Job Link.com was designed for ALL job openings for people to fill all different work backgrounds. Therefore, it is highly recommended you follow these guidelines <u>carefully</u> to maximize your matching potential to the right jobs, especially when selecting your Resume Title and "Job Title" in the Resume Build section of your Plus Account. Also, you should use the 60603 ZIP Code wherever you are instructed to do so to ensure that you match to ASSA job postings utilizing that same ZIP code in order to match to you, even though that may not be the ZIP code you wish to work in. You are encouraged to print this guide out (at least the first 11 pages) before starting so you can write down your user name and password on the front cover. You may wish to check off the little hollow circles in the margin as you complete the steps in the checklist format of the guide so you don't lose your place. We also suggest you have your resume at hand online, specifically in a Microsoft Word document in order to attach it to Illinois, Job Link.com. Otherwise you will have to build a resume in the system from scratch. For best results, you should use Internet Explorer or similar browser.

If you wish to use the system as a job seeker for this year's placement service, we ask you to send us an e-mail to <u>jay.oconnor@illinois.gov</u> so that we may track your profile to make sure you have entered/updated everything to your advantage. In your e-mail, type in:

- 1. Job Seeker
- 2. Your name
- 3. Address you entered in the system
- 4. Phone number
- 5. E-mail address you can be contacted for a response
- 6. Select **new** or **returning** job seeker (if you have used the system in previous years.)
- o If this is *not* your first time, reentry instructions are on page 10.
- o If this is your first time, go to www.illinoisjoblink.com.

## IllinoisJobLink.com Home Page

- 1. Click on the *Job Seeker* tab at the top of the page.
- 2. On the right side under CREATE A PROFILE click on the Create a Job Seeker Account link.

3. On the **New Account Creation for Job Seeker** page, you are encouraged to enter your Social Security Number if you have one. Click on the continue button and confirm on the next page or click on the box that you decline to enter your Social Security Number (especially if you live outside the USA). Then *Continue* at the bottom. If you selected to not provide a Social Security Number, click on *Confirm*.

## **New Account Creation for Job Seeker**

(Pay particular attention to what the guide recommends when filling out this section)

- Enter a Username that is easy for you to remember that does not contain spaces or special characters but has 6 to 20 characters. Again, it is strongly recommended that you print out these instructions and write down your user name and password on the front cover since you will need them again during this registration and every time you revisit IllinoisJobLink.com.
- Enter a Password that is easy to remember which includes letters and at least one number and a special character (!@#\$%^&?+...). The password must contain 8 to 20 characters. Then confirm.
- Be sure to enter your e-mail address since this is the key form of correspondence between you and employers/recruiters. This also enables the system to generate your resume by e-mail to matching employers. Then confirm by entering it again.
- o Select one of the 6 security questions by using the drop down box arrow to the right: then answer it.
- Enter your name, address, city, state, ZIP code, country, phone number(s) and fax if you have one if you live in the United State of America. Next to phone, you may choose among your home, work or mobile. Mobile may be better for onsite communication at the annual meeting. If outside the United States, select International for State. Your actual information can be posted later when you attach your resume. This information is primarily geared to get you through the system without interruption.
- o Be sure to enter your date of birth using the pop-up calendar to select month, year, and finally date.
- When answering the question: How did you hear about our services? Select "Other" and type in AEA Web site.
- Answer the Ethnic Hispanic/Latino question using the drop down box. These questions are for statistical purposes only used by the U.S. Department of Labor to track and record population trends and tendencies.
- o Check off Race, Gender and Disability Options for the same reasons as above.
- Category of Disability: select option if you answered yes to previous question, or skip down to next question if not applicable.
- o Employment Status: select one of 4 choices, preferably N/A for not applicable.
- o Number of weeks not employed: select number or N/A if you are not unemployed
- o Interstate Worker: select *prefer not to answer*.
- O State Unemployment Insurance claims program: select status if known, or Not a Claimant (for 99% of you).
- o Referred by Worker Profiling and Reemployment Services (WPRS): Leave default N/A

- o Have You Served on Active Duty with the Armed Forces of the US? Select option
- o Are you the spouse of a veteran? Select option.
- o Click on the Continue button...and your Job Seeker Basic Account is Complete.

## **Create a PLUS Account**

You have now segued into the Plus Account questions. It should be pointed out that when creating a Plus Account, you will at some time see some of the same steps again that you just completed for your New Account, already filled in. Enter your username and password to continue. You may change your answers at anytime if you need to.

- o SS# (If you did not enter a social security number before, click on the box that reads, "I decline...)
- o Date of Birth, Ethnicity, Race and Gender should already be completed. Make any changes now if needed.
- o English Language Learner (ELL): Answer no if you speak and understand English. If yes, enter a primary language. If you prefer to communicate in sign language select one from the drop down.
- o You gender should have carried over.
- o Indicate if you are a single, separated, divorced, or widowed individual responsible for dependents from among the 5 options in the drop-down box.
- o Number in Family (including yourself): You have to enter at least 1.
- o Individual with Disability: Answer yes, no, or prefer not to answer.
- o Category of Disability: complete if you answered yes to the above.
- Education Status: select either: 1.) Attending post-secondary (beyond high school), or 2.) High school diploma or GED; not attending school.
- o Highest Grade Completed: select one of the 28 options that reflect the highest level attained.
- o Have you served on Active Duty with the Armed Forces of the U.S.: Select one option.
- Select "Next Step".
- o Warning (only applies to those who did not enter a social security number: click on Decline Entry... button.
- O US Veteran, Spouse of a US Veteran or Non-Veteran Status: You could be asked anywhere from 6 to 25 questions on the next 2 pages, depending on what you declared your military status to be when completing your New Account earlier. Most of you will be answering NO to all questions you are presented with in this category. Select the proper responses and move on to the next section by selecting Next Step.
- Are you a Migrant Worker: this means a migrant farm worker in the United States...select No. Next Step button.

o If you selected yes, you will be asked 6 more Migrant Worker questions on the next 2 pages...Next Step button.

Next eight steps MAY appear depending on what you selected previously

- o Employment Status: Select one of the 3 options.
- o Number of weeks not employed: select if applicable.
- o Interstate Worker: select *prefer not to answer*.
- o Incumbent Worker: select No.
- o Underemployed worker: select what fits best with your current status if you are already working.
- o Long-term unemployed: select what fits best with your current status if you were working.
- O State UI Claims program: select one...most likely *Not a claimant*. Next Step button.
- Referred by Worker Profiling... N/A. When you are finished, click on the Next Step button.

These 3 questions may appear here depending on how you answered previous military questions

- Selective Service: Have you registered with Selective Service? Most of you will select "no" but select one
  option and click on the Next Step button.
- Eligibility to Work in the United States. For the purpose of continuing through the LJL system, select U.S.
   Citizen. If you do not select U.S. Citizen, the system will not allow you to finish your registration successfully.
- O Dislocated Worker: The default selection of none of the above fits. Then click on Next Step button.

## **Work Wanted**

- o What Job are you looking for? E.g. Economics Professor
- o Click on Update Work Wanted
- o If you entered *Economics Professor*, you will match to 7 job titles that reflect exact or similar titles connected to that field. Select one.

## **Review & Edit**

**Step 4** allows you to review and edit your selections thus far in you PLUS Account. Click on the right marginal Edit button for each section in which something needs to be corrected or added. When satisfied with your entries, click on the **Finished** button at the bottom of the page, which takes you directly to the **New Resume** page.

## **New Resume**

The **New Resume** page presents you with a series of questions designed to gather your work experience and educational training information which is used as matching criteria to match you to jobs posted in IllinoisJobLink.com

and other job boards if you wish, while at the same time, it builds a resume for you in case you do not have one to attach.

- O Resume Title: Type in the letters ASSA first so that matching employers can easily identify you as being an ASSA Member who will most likely be on hand at the annual meeting for interviews and for matching purposes, followed by a general occupational field that supports the specific overall area you are looking for and preferably have experience in. (Here is where you could choose from among the JEL general topics for economics and finance from A through R on page 11, especially if you are going into the academic field. For example: ASSA Mathematical and Quantitative Methods. Otherwise you can enter something like ASSA Research, ASSA Education or ASSA Consultant).
- o Job Title: Enter job title
- o Relevant Work Experience: Enter years and months, or if entry level, enter zeroes for years and months.
- Education level: Enter the highest level of education you have achieved or are about to achieve. If you are a PhD/ABD, enter PhD.
- Are you willing to move to another location for work? YES. This is very important if you wish to match to
  job openings in a global market. Remember, you can always say you are not interested in the matches
  you get. But first you have to get the matches.
- o In what area would you like to find employment? Also very important: Enter 60603 for matching purposes no matter where you wish to work.
- O What is the maximum distance (in miles) you are willing to commute to work one-way? Enter 255 which is the maximum distance you can enter.
- o Are you willing to travel as a requirement of the job? Enter "Yes" or "No"
- What is the salary type for your desired salary? Select "Annual" or "Hourly"
- Enter your minimum desired salary: Enter only numbers in this field, for example, 30000 for annual, 23.00 for hourly.
- o Are you seeking full-time or part-time work? Full Time
- o What is your preferred shift? No Preference (to be safe).
- Are you willing to accept temporary work? Yes
- o Do you have a valid driver's license? Yes or no.
- o Do you want job matches for this resume emailed to you? Yes.
- O Select resume file to upload: If you have a resume in a Microsoft Word format <u>ONLY</u>, attach it now by clicking on the **Browse...** button. Otherwise you will have to build a resume from your non-MS Word resume following a number of steps in the system by clicking on the *Create Resume* link below.
- After attaching your resume, click on the *Create Resume*.

- o Select the job Title that most closely matches the job you are seeking.
- You may select *Talents* associated with your job title or *Save and Continue* at the bottom of the page(s).
- o Resume Preview. Review your uploaded resume. When completed select *Finish*. You are now ready to conduct a Job Search (go to the **Job Search** section below).
- o If you are creating your resume, the Create Resume link will take you to the **Resume has been successfully started** page. Follow the instructions under **Select Occupation Work Wanted**.
- You will be prompted to provide the information from the following categories: an Objective Statement, Summary if Qualifications, Talents, Tools & Technologies, Work Activities. You can edit/add your Contact Method, Work Experience, Educational Experience, Achievements, Military Service and References. Select Save and Continue.
- O When you get to Step 11 "Review/Edit Selections", select whether you want to display the "Objective Statement" or Summary of Qualifications" on your resume. You may edit the objective statement or summary of qualifications. Be sure to delete sample text placeholders, all brackets holding the text, before finishing your resume.
- Select the boxes next to the information you would like to include on this resume. When you are finished, click Save and Continue at the bottom of the page to proceed to the Resume Suggestions page. After doing so, your resume will be complete. You may now conduct a Job Search.

## Job Search

- 1. To conduct a search, click on the Job Search link in the left hand menu. When no filters are clicked or criteria entered in the What, Where, and Within boxes, the Job Search displays all active job postings in the system.
- 2. Enter keyword(s) or job order number in the **What** box. A drop-down list provides job title suggestions to narrow your search. You can click an option in the list or continue typing. When you are done, click the search icon (magnifying glass). (Suggestion: enter ASSA and your job title AND/OR words taken from the JEL secondary codes beginning on page 10).
  - a. If desired, add a location by entering a city and state or ZIP code in the **Where** box. If a location is entered, a search radius is required in the **Within** box.
- 3. The search results display.
  - a. The job results matching your keywords display below the **What** box, sorted by relevance. Job postings that have your keywords in the job title or occupation title will display at the top of the results. Below that will display jobs with your keywords anywhere in the job posting. If you aren't satisfied with your results, you can change your entry in the **What** box at any time.
  - b. When the **Where** box is empty, job results from across the state and even outside the state will display in your results. When you specify a location, you must also specify the distance in miles around which to search that location. This distance should reflect the distance the client is willing to commute or relocate. Type the number of miles in the **Within** box, then click the search icon (magnifying glass). The search results are updated and now match your keywords and location + search radius.
- 4. Narrow your search results using the **REFINE SEARCH** menu.

- a. To expand a category of filters, click the category. The number next to each filter within that category indicates the number of results you'll get if you add the filter. A filter will only display for selection if there are results available for that filter. For example, if there are no jobs making \$15.00 or more, you will not see the \$15.00 or more filter.
- b. To add a filter to your search criteria, click it. Your search results will automatically update to match the filter you added. "ASSA" under the filter labeled "Tags" will list the most recent openings for this conference. You can see all of the filters you've added in the FILTERED BY section. To remove a filter and widen your search, click the x next to the filter. By default, the Status: Active filter is already selected.
- 5. The search results provide basic posting information including the job title, job posting number, last updated date, employer, location (city and state), and a portion of the job description. To view additional information, click the job title.
- 6. Save this search: If you plan on conducting more than one search, you may want to give each search a title; especially if you are entering more than one resume to the system. If so, label your search and select "Save search as".
- 7. Click on "Return to Job Search" at the bottom of the page and continue to work your way through your match list. You will continue to match to new employers as they will be added to the list as new employers post their job orders.
- 8. Results do not include indeed.com jobs. To search indeed.com jobs, click Search Other Job Banks at the right.
- 9. Log Out at the top of the page when finished and return whenever you wish to conduct an updated search.

## **Communications with Employers Prior To & At The Convention**

After making initial contact with employers through **IllinoisJobLink.com** all further messages can be exchanged via the Internet.

To communicate in Chicago with employers and fellow conventioneers, you can use the ASSA on-site hotel phone directory through the AEA Website. To have your name and hotel listed in the phone directory automatically, you must register for housing (or cancel your housing registration to avoid penalty) through ASSA by Thursday, December 15<sup>th</sup>. You can be added to the online directory if you enter your name and hotel information by e-mailing assa@experient-inc.com

There is no message exchange service provided at the placement center, so you may wish to bring a laptop or smart phone to exchange messages as most hotel rooms are wired for Internet service. While it is better to schedule all your interviews well in advance of your arrival in Chicago, you will continue to match to new employers during the annual meeting. Also, if an employer is interested in interviewing you, he or she may e-mail you a disclosure code on where/when the interview will take place. There is no formal on-site registration, so those who wish to register for the placement service on site will have to use their laptop or a hotel business office. We encourage everyone to register for the professional placement service in IJL no later than Tuesday, December 27th. But it is never too late to post or update your registration and resume as the system is ongoing. Be sure to check your matches throughout the convention. You can still use the placement service on line even if you don't register for the ASSA Meeting, but all job seekers must register for the ASSA Meeting in order to access the placement center on site. Again, the ASSA

Professional Placement Center is located in Riverwalk A & B of the Sheraton Grand Chicago, January 5<sup>th</sup> through 8<sup>th</sup> from 8:00 am through 5:00 pm.

If you have any questions not covered in this guide, feel free to contact the IllinoisJobLink.com Help Desk at:

DES.IJLSysAdmTech@illinois.gov or jay.oconnor@illinois.gov

## Re-entry in IllinoisJobLink.com:

## Search for More Jobs, Create Another Resume, Update Your Info

To revisit your registration to look for new jobs or update your information, go back to the IllinoisJobLink.com web site at www.IllinoisJobLink.com .

Enter your user name and password from the link up at the top right of the page. From your Home page select "My Resumes". Here you can manage your resumes or click Create Another Resume to start building a resume or to upload one you have created in Microsoft Word. Click View Options for links to edit your job preferences or to search for jobs matching the work wanted on your resume or to delete the resume.

Thank you for using **IllinoisJobLink.com** for your job search and best wishes in your future endeavors.

IDES Professional Placement Staff

## JEL Classification System: can be used for IllinoisJobLink.com Resume Titles & Keywords

The JEL classification system was developed for use in the Journal of Economic Literature (JEL), and is a standard method of classifying scholarly literature in the field of economics. The system is used to classify articles, dissertations, books, book reviews, and working papers in EconLit, and in many other applications. It can now also be used in IllinoisJobLink.com for Resume Titles (A through R).

Words and phraseology from the supportive, secondary classification system below it can be used as "keywords" when conducting an Advanced Search in Illinois Job Link.com

A General Economics and Teaching

B History of Economic Thought, Methodology, and Heterodox Approaches

C Mathematical and Quantitative Methods

D Microeconomics

E Macroeconomics and Monetary Economics

F International Economics

G Financial Economics

H Public Economics

I Health, Education, and Welfare

J Labor and Demographic Economics

K Law and Economics

L Industrial Organization

M Business Administration and Business Economics; Marketing; Accounting; Personnel Economics

N Economic History

O Economic Development, Innovation, Technological Change, and Growth

P Economic Systems

Q Agricultural and Natural Resource Economics; Environmental and Ecological Economics

R Urban, Rural, Regional, Real Estate, and Transportation Economics

Y Miscellaneous Categories

Z Other Special Topics

## A. General Economics and Teaching

A1 General Economics

A10 General

A11 Role of Economics • Role of Economists • Market for Economists

A12 Relation of Economics to Other Disciplines

A13 Relation of Economics to Social Values

A14 Sociology of Economics

A19 Other

A2 Economic Education and Teaching of Economics

A20 General

A21 Pre-college

A22 Undergraduate

A23 Graduate

A29 Other

A3 Collective Works

A30 General

A31 Collected Writings of Individuals

A32 Collective Volumes<sup>†</sup>

A33 Handbooks

A39 Other

B. History of Economic Thought, Methodology, and Heterodox Approaches

B00 General

B1 History of Economic Thought through 1925

B10 General

B11 Preclassical (Ancient, Medieval, Mercantilist, Physiocratic)

B12 Classical (includes Adam Smith)

B13 Neoclassical through 1925 (Austrian, Marshallian, Walrasian, Stockholm School)

B14 Socialist • Marxist

B15 Historical • Institutional • Evolutionary

B16 Quantitative and Mathematical

B19 Other

## B2 History of Economic Thought since 1925

- B20 General
- **B21 Microeconomics**
- **B22** Macroeconomics
- B23 Econometrics Quantitative and Mathematical Studies
- B24 Socialist Marxist Sraffian
- B25 Historical Institutional Evolutionary Austrian
- **B26** Financial Economics
- B27 International Trade and Finance
- B29 Other

## B3 History of Economic Thought: Individuals

- B30 General
- **B31** Individuals
- **B32** Obituaries

## **B4** Economic Methodology

- B40 General
- B41 Economic Methodology
- B49 Other

## **B5** Current Heterodox Approaches

- B50 General
- B51 Socialist Marxian Sraffian
- B52 Institutional Evolutionary
- B53 Austrian
- **B54** Feminist Economics
- B59 Other

## C. Mathematical and Quantitative Methods

- C00 General
- C01 Econometrics
- C02 Mathematical Methods

## C1 Econometric and Statistical Methods and Methodology: General

- C10 General
- C11 Bayesian Analysis: General
- C12 Hypothesis Testing: General
- C13 Estimation: General
- C14 Semiparametric and Nonparametric Methods: General
- C15 Statistical Simulation Methods: General
- C18 Methodological Issues: General
- C19 Other

## C2 Single Equation Models • Single Variables

- C20 General
- C21 Cross-Sectional Models Spatial Models Treatment Effect Models • Quantile Regressions
- C22 Time-Series Models Dynamic Quantile Regressions Dynamic Treatment Effect Models & Diffusion Processes<sup>†</sup>
- C23 Panel Data Models Spatio-temporal Models<sup>†</sup>
- C24 Truncated and Censored Models Switching Regression Models •

#### Threshhold Regression Models

- C25 Discrete Regression and Qualitative Choice Models Discrete Regressors Proportions
- C26 Instrumental Variables (IV) Estimation
- C29 Other

## C3 Multiple or Simultaneous Equation Models • Multiple Variables

- C30 General
- C31 Cross-Sectional Models Spatial Models Treatment Effect Models • Quantile Regressions • Social Interaction Models
- C32 Time-Series Models Dynamic Quantile Regressions Dynamic Treatment Effect Models Diffusion Processes State Space Models
- C33 Panel Data Models Spatio-temporal Models<sup>†</sup>
- C34 Truncated and Censored Models Switching Regression Models
- C35 Discrete Regression and Qualitative Choice Models Discrete Regressors Proportions
- C36 Instrumental Variables (IV) Estimation
- C39 Other

## C4 Econometric and Statistical Methods: Special Topics

- C40 General
- C41 Duration Analysis Optimal Timing Strategies
- C43 Index Numbers and Aggregation
- C44 Operations Research Statistical Decision Theory
- C45 Neural Networks and Related Topics
- C46 Specific Distributions Specific Statistics
- C49 Other

## C5 Econometric Modeling

- C50 General
- C51 Model Construction and Estimation
- C52 Model Evaluation, Validation, and Selection
- C53 Forecasting and Prediction Methods Simulation Methods
- C54 Quantitative Policy Modeling
- C55 Large Data Sets: Modeling and Analysis
- C57 Econometrics of Games and Auctions
- C58 Financial Econometrics
- C59 Other

#### C6 Mathematical Methods $\bullet$ Programming Models $\bullet$ Mathematical and Simulation Modeling

- C60 General
- C61 Optimization Techniques Programming Models Dynamic Analysis
- C62 Existence and Stability Conditions of Equilibrium
- C63 Computational Techniques Simulation Modeling
- C65 Miscellaneous Mathematical Tools
- C67 Input-Output Models
- C68 Computable General Equilibrium Models
- C69 Other

- C7 Game Theory and Bargaining Theory
  - C70 General
  - C71 Cooperative Games
  - C72 Noncooperative Games
  - C73 Stochastic and Dynamic Games Evolutionary Games Repeated Games
  - C78 Bargaining Theory Matching Theory
  - C79 Other
- C8 Data Collection and Data Estimation Methodology Computer Programs
  - C80 General
  - C81 Methodology for Collecting, Estimating, and Organizing Microeconomic Data • Data Access
  - C82 Methodology for Collecting, Estimating, and Organizing Macroeconomic Data Data Access
  - C83 Survey Methods Sampling Methods
  - C87 Econometric Software
  - C88 Other Computer Software
  - C89 Other
- C9 Design of Experiments
  - C90 General
  - C91 Laboratory, Individual Behavior
  - C92 Laboratory, Group Behavior
  - C93 Field Experiments
  - C99 Other

#### D. Microeconomics

- D00 General
- D01 Microeconomic Behavior: Underlying Principles
- D02 Institutions: Design, Formation, Operations and Impact
- D03 Behavioral Microeconomics: Underlying Principles
- D04 Microeconomic Policy: Formulation, Implementation and Evaluation
- D1 Household Behavior and Family Economics
  - D10 General
  - D11 Consumer Economics: Theory
  - D12 Consumer Economics: Empirical Analysis
  - D13 Household Production and Intrahousehold Allocation
  - D14 Household Saving; Personal Finance<sup>†</sup>
  - D18 Consumer Protection
  - D19 Other
- D2 Production and Organizations
  - D20 General
  - D21 Firm Behavior: Theory
  - D22 Firm Behavior: Empirical Analysis
  - D23 Organizational Behavior Transaction Costs Property Rights
  - D24 Production Cost Capital Capital, Total Factor, and Multifactor Productivity Capacity
  - D29 Other

- D3 Distribution
  - D30 General
  - D31 Personal Income, Wealth, and Their Distributions
  - D33 Factor Income Distribution
  - D39 Other
- D4 Market Structure, Pricing and Design
  - D40 General
  - **D41 Perfect Competition**
  - D42 Monopoly
  - D43 Oligopoly and Other Forms of Market Imperfection
  - D44 Auctions
  - D45 Rationing Licensing
  - D46 Value Theory
  - D47 Market Design
  - D49 Other
- D5 General Equilibrium and Disequilibrium
  - D50 General
  - D51 Exchange and Production Economies
  - D52 Incomplete Markets
  - D53 Financial Markets
  - D57 Input-Output Tables and Analysis
  - D58 Computable and Other Applied General Equilibrium Models
  - D59 Other
- D6 Welfare Economics
  - D60 General
  - D61 Allocative Efficiency Cost-Benefit Analysis
  - D62 Externalities
  - D63 Equity, Justice, Inequality, and Other Normative Criteria and Measurement
  - D64 Altruism Philanthropy Intergenerational Transfers<sup>†</sup>
  - D69 Other
- D7 Analysis of Collective Decision-Making
  - D70 General
  - D71 Social Choice Clubs Committees Associations
  - D72 Political Processes: Rent-Seeking, Lobbying, Elections, Legislatures, and Voting Behavior

  - D74 Conflict Conflict Resolution Alliances Revolutions
  - D78 Positive Analysis of Policy Formulation and Implementation<sup>†</sup>
  - D79 Other
- D8 Information, Knowledge, and Uncertainty
  - D80 General
  - D81 Criteria for Decision-Making under Risk and Uncertainty
  - D82 Asymmetric and Private Information Mechanism Design
  - D83 Search Learning Information and Knowledge Communication Belief Unawareness

- D84 Expectations Speculations
- D85 Network Formation and Analysis: Theory
- D86 Economics of Contract: Theory
- D87 Neuroeconomics
- D89 Other
- D9 Intertemporal Choice
  - D90 General
  - D91 Intertemporal Household Choice Life Cycle Models and Saving
  - D92 Intertemporal Firm Choice, Investment, Capacity, and Financing
  - D99 Other

#### E. Macroeconomics and Monetary Economics

- E00 General
- E01 Measurement and Data on National Income and Product Accounts and Wealth • Environmental Accounts
- E02 Institutions and the Macroeconomy
- E03 Behavioral Macroeconomics
- E1 General Aggregative Models
  - E10 General
  - E11 Marxian Sraffian Kaleckian
  - E12 Keynes Keynesian Post-Keynesian
  - E13 Neoclassical
  - E14 Austrian Evolutionary Institutional
  - E16 Social Accounting Matrix
  - E17 Forecasting and Simulation: Models and Applications
  - E19 Other
- E2 Consumption, Saving, Production, Investment, Labor Markets, and Informal Economy
  - E20 General
  - E21 Consumption Saving Wealth
  - E22 Investment Capital Intangible Capital Capacity
  - E23 Production
  - E24 Employment Unemployment Wages Intergenerational Income Distribution Aggregate Human Capital Aggregate Labor Productivity
  - E25 Aggregate Factor Income Distribution
  - E26 Informal Economy Underground Economy
  - E27 Forecasting and Simulation: Models and Applications
  - E29 Other
- E3 Prices, Business Fluctuations, and Cycles
  - E30 General
  - E31 Price Level Inflation Deflation
  - E32 Business Fluctuations Cycles
  - E37 Forecasting and Simulation: Models and Applications
  - E39 Other
- E4 Money and Interest Rates
  - E40 General
  - E41 Demand for Money

- E42 Monetary Systems Standards Regimes Government and the Monetary System Payment Systems
- E43 Interest Rates: Determination, Term Structure, and Effects
- E44 Financial Markets and the Macroeconomy
- E47 Forecasting and Simulation: Models and Applications
- E49 Other
- E5 Monetary Policy, Central Banking, and the Supply of Money and Credit
  - E50 General
  - E51 Money Supply Credit Money Multipliers
  - E52 Monetary Policy
  - E58 Central Banks and Their Policies
  - E59 Other
- E6 Macroeconomic Policy, Macroeconomic Aspects of Public Finance, and General Outlook
  - E60 General
  - E61 Policy Objectives Policy Designs and Consistency Policy Coordination
  - E62 Fiscal Policy
  - E63 Comparative or Joint Analysis of Fiscal and Monetary Policy Stabilization Treasury Policy
  - E64 Incomes Policy Price Policy
  - E65 Studies of Particular Policy Episodes
  - E66 General Outlook and Conditions
  - E69 Other

#### F. International Economics

- F00 General
- F01 Global Outlook
- F02 International Economic Order and Integration
- F1 Trade
  - F10 General
  - F11 Neoclassical Models of Trade
  - F12 Models of Trade with Imperfect Competition and Scale Economies
     Fragmentation
  - F13 Trade Policy International Trade Organizations
  - F14 Empirical Studies of Trade
  - F15 Economic Integration
  - F16 Trade and Labor Market Interactions
  - F17 Trade Forecasting and Simulation
  - F18 Trade and Environment
  - F19 Other
- F2 International Factor Movements and International Business
  - F20 General
  - F21 International Investment Long-Term Capital Movements
  - F22 International Migration
  - F23 Multinational Firms International Business
  - F24 Remittances
  - F29 Other

- F3 International Finance
  - F30 General
  - F31 Foreign Exchange
  - F32 Current Account Adjustment Short-Term Capital Movements
  - F33 International Monetary Arrangements and Institutions
  - F34 International Lending and Debt Problems
  - F35 Foreign Aid
  - F36 Financial Aspects of Economic Integration
  - F37 International Finance Forecasting and Simulation: Models and Applications
  - F38 International Financial Policy: Financial Transactions Tax; Capital Controls
  - F39 Other
- F4 Macroeconomic Aspects of International Trade and Finance
  - F40 General
  - F41 Open Economy Macroeconomics
  - F42 International Policy Coordination and Transmission
  - F43 Economic Growth of Open Economies
  - F44 International Business Cycles
  - F45 Macroeconomic Issues of Monetary Unions
  - F47 Forecasting and Simulation: Models and Applications
  - F49 Other
- F5 International Relations, National Security, and International Political Economy
  - F50 General
  - F51 International Conflicts Negotiations Sanctions
  - F52 National Security Economic Nationalism
  - F53 International Agreements and Observance International Organizations
  - F54 Colonialism Imperialism Postcolonialism
  - F55 International Institutional Arrangements
  - F59 Other
- F6 Economic Impacts of Globalization
  - F60 General
  - F61 Microeconomic Impacts
  - F62 Macroeconomic Impacts
  - F63 Economic Development
  - F64 Environment
  - F65 Finance
  - F66 Labor
  - F68 Policy
  - F69 Other

#### **G. Financial Economics**

- G00 General
- G01 Financial Crises
- G02 Behavioral Finance: Underlying Principles
- G1 General Financial Markets
  - G10 General

- G11 Portfolio Choice Investment Decisions
- G12 Asset Pricing Trading Volume Bond Interest Rates
- G13 Contingent Pricing Futures Pricing
- G14 Information and Market Efficiency Event Studies Insider Trading
- G15 International Financial Markets
- G17 Financial Forecasting and Simulation
- G18 Government Policy and Regulation
- G19 Other
- G2 Financial Institutions and Services
  - G20 General
  - G21 Banks Depository Institutions Micro Finance Institutions Mortgages
  - G22 Insurance Insurance Companies Actuarial Studies<sup>†</sup>
  - G23 Non-bank Financial Institutions Financial Instruments Institutional Investors
  - G24 Investment Banking Venture Capital Brokerage Ratings and Ratings Agencies
  - G28 Government Policy and Regulation
  - G29 Other
- G3 Corporate Finance and Governance
  - G30 General
  - G31 Capital Budgeting Fixed Investment and Inventory Studies Capacity
  - G32 Financing Policy Financial Risk and Risk Management Capital and Ownership Structure Value of Firms Goodwill
  - G33 Bankruptcy Liquidation
  - G34 Mergers Acquisitions Restructuring Corporate Governance
  - G35 Payout Policy
  - G38 Government Policy and Regulation
  - G39 Other

## H. Public Economics

- H00 General
- H1 Structure and Scope of Government
  - H10 General
  - H11 Structure, Scope, and Performance of Government
  - H12 Crisis Management
  - H13 Economics of Eminent Domain Expropriation Nationalization
  - H19 Other
- H2 Taxation, Subsidies, and Revenue
  - H20 General
  - H21 Efficiency Optimal Taxation
  - H22 Incidence
  - H23 Externalities Redistributive Effects Environmental Taxes and Subsidies
  - H24 Personal Income and Other Nonbusiness Taxes and Subsidies
  - H25 Business Taxes and Subsidies
  - H26 Tax Evasion and Avoidance
  - H27 Other Sources of Revenue

H29 Other H3 Fiscal Policies and Behavior of Economic Agents H30 General H31 Household H32 Firm H39 Other H4 Publicly Provided Goods H40 General H41 Public Goods H42 Publicly Provided Private Goods H43 Project Evaluation • Social Discount Rate H44 Publicly Provided Goods: Mixed Markets H49 Other H5 National Government Expenditures and Related Policies H50 General H51 Government Expenditures and Health H52 Government Expenditures and Education H53 Government Expenditures and Welfare Programs H54 Infrastructures • Other Public Investment and Capital Stock H55 Social Security and Public Pensions H56 National Security and War H57 Procurement H59 Other H6 National Budget, Deficit, and Debt H60 General H61 Budget • Budget Systems H62 Deficit • Surplus H63 Debt • Debt Management • Sovereign Debt H68 Forecasts of Budgets, Deficits, and Debt H69 Other H7 State and Local Government • Intergovernmental Relations H70 General H71 State and Local Taxation, Subsidies, and Revenue H72 State and Local Budget and Expenditures H73 Interjurisdictional Differentials and Their Effects H74 State and Local Borrowing H75 State and Local Government: Health • Education • Welfare • **Public Pensions** H76 State and Local Government: Other Expenditure Categories

H74 State and Local Borrowing
H75 State and Local Government: Health • Education • Welfare •
Public Pensions
H76 State and Local Government: Other Expenditure Categories
H77 Intergovernmental Relations • Federalism • Secession
H79 Other

H8 Miscellaneous Issues
H80 General
H81 Governmental Loans • Loan Guarantees • Credits • Grants •
Bailouts
H82 Governmental Property
H83 Public Administration • Public Sector Accounting and Audits

H84 Disaster Aid H87 International Fiscal Issues • International Public Goods H89 Other I. Health, Education, and Welfare I00 General I1 Health I10 General I11 Analysis of Health Care Markets I12 Health Behavior I13 Health Insurance, Public and Private I14 Health and Inequality I15 Health and Economic Development I18 Government Policy • Regulation • Public Health I19 Other 12 Education and Research Institutions I20 General I21 Analysis of Education I22 Educational Finance • Financial Aid† I23 Higher Education • Research Institutions<sup>†</sup> I24 Education and Inequality I25 Education and Economic Development I28 Government Policy I29 Other I3 Welfare, Well-Being, and Poverty<sup>†</sup> I30 General I31 General Welfare, Well-Being † I32 Measurement and Analysis of Poverty I38 Government Policy • Provision and Effects of Welfare Programs I39 Other J. Labor and Demographic Economics J00 General J01 Labor Economics: General J08 Labor Economics Policies J1 Demographic Economics J10 General J11 Demographic Trends, Macroeconomic Effects, and Forecasts J12 Marriage • Marital Dissolution • Family Structure • Domestic Abuse J13 Fertility • Family Planning • Child Care • Children • Youth J14 Economics of the Elderly • Economics of the Handicapped • Non-Labor Market Discrimination J15 Economics of Minorities, Races, Indigenous Peoples, and Immigrants • Non-labor Discrimination J16 Economics of Gender • Non-labor Discrimination

J17 Value of Life • Forgone Income

J18 Public Policy

J19 Other

## J2 Demand and Supply of Labor

- J20 General
- J21 Labor Force and Employment, Size, and Structure
- J22 Time Allocation and Labor Supply
- J23 Labor Demand
- J24 Human Capital Skills Occupational Choice Labor Productivity
- J26 Retirement Retirement Policies
- J28 Safety Job Satisfaction Related Public Policy
- J29 Other

## J3 Wages, Compensation, and Labor Costs

- J30 General
- J31 Wage Level and Structure Wage Differentials
- J32 Nonwage Labor Costs and Benefits Retirement Plans Private Pensions
- J33 Compensation Packages Payment Methods
- J38 Public Policy
- J39 Other

## J4 Particular Labor Markets

- J40 General
- J41 Labor Contracts
- J42 Monopsony Segmented Labor Markets
- J43 Agricultural Labor Markets
- J44 Professional Labor Markets Occupational Licensing
- J45 Public Sector Labor Markets
- J46 Informal Labor Markets<sup>‡</sup>
- J47 Coercive Labor Markets
- J48 Public Policy
- J49 Other

## J5 Labor-Management Relations, Trade Unions, and Collective Bargaining

- J50 General
- J51 Trade Unions: Objectives, Structure, and Effects
- J52 Dispute Resolution: Strikes, Arbitration, and Mediation Collective Bargaining
- J53 Labor-Management Relations Industrial Jurisprudence
- J54 Producer Cooperatives Labor Managed Firms Employee Ownership
- J58 Public Policy
- J59 Other

## J6 Mobility, Unemployment, Vacancies, and Immigrant Workers

- J60 General
- J61 Geographic Labor Mobility Immigrant Workers
- J62 Job, Occupational, and Intergenerational Mobility
- J63 Turnover Vacancies Layoffs
- J64 Unemployment: Models, Duration, Incidence, and Job Search
- J65 Unemployment Insurance Severance Pay Plant Closings
- J68 Public Policy
- J69 Other

- J7 Labor Discrimination
  - J70 General
  - J71 Discrimination
  - J78 Public Policy
  - J79 Other

## J8 Labor Standards: National and International

- J80 General
- J81 Working Conditions
- J82 Labor Force Composition
- J83 Workers' Rights
- J88 Public Policy
- J89 Other

## K. Law and Economics

- K00 General
- K1 Basic Areas of Law
  - K10 General
  - K11 Property Law
  - K12 Contract Law
  - K13 Tort Law and Product Liability Forensic Economics<sup>†</sup>
  - K14 Criminal Law
  - K19 Other

#### K2 Regulation and Business Law

- K20 General
- K21 Antitrust Law
- K22 Business and Securities Law
- K23 Regulated Industries and Administrative Law
- K29 Other

## K3 Other Substantive Areas of Law

- K30 General
- K31 Labor Law
- K32 Environmental, Health, and Safety Law
- K33 International Law
- K34 Tax Law
- K35 Personal Bankruptcy Law
- K36 Family and Personal Law
- K37 Immigration Law
- K39 Other

## K4 Legal Procedure, the Legal System, and Illegal Behavior

- K40 General
- K41 Litigation Process
- K42 Illegal Behavior and the Enforcement of Law
- K49 Other

## L. Industrial Organization

## L00 General

- L1 Market Structure, Firm Strategy, and Market Performance
  - L10 General
  - L11 Production, Pricing, and Market Structure Size Distribution of Firms
  - L12 Monopoly Monopolization Strategies
  - L13 Oligopoly and Other Imperfect Markets
  - L14 Transactional Relationships Contracts and Reputation Networks
  - L15 Information and Product Quality Standardization and Compatibility
  - L16 Industrial Organization and Macroeconomics: Industrial Structure and Structural Change Industrial Price Indices
  - L17 Open Source Products and Markets
  - L19 Other
- L2 Firm Objectives, Organization, and Behavior
  - L20 General
  - L21 Business Objectives of the Firm
  - L22 Firm Organization and Market Structure
  - L23 Organization of Production
  - L24 Contracting Out Joint Ventures Technology Licensing
  - L25 Firm Performance: Size, Diversification, and Scope
  - L26 Entrepreneurship
  - L29 Other
- L3 Nonprofit Organizations and Public Enterprise
  - L30 General
  - L31 Nonprofit Institutions NGOs Social Entrepreneurship
  - L32 Public Enterprises Public-Private Enterprises
  - L33 Comparison of Public and Private Enterprises and Nonprofit Institutions • Privatization • Contracting Out
  - L38 Public Policy
  - L39 Other
- L4 Antitrust Issues and Policies
  - L40 General
  - L41 Monopolization Horizontal Anticompetitive Practices
  - L42 Vertical Restraints Resale Price Maintenance Quantity Discounts
  - L43 Legal Monopolies and Regulation or Deregulation
  - L44 Antitrust Policy and Public Enterprises, Nonprofit Institutions, and Professional Organizations
  - L49 Other
- L5 Regulation and Industrial Policy
  - L50 General
  - L51 Economics of Regulation
  - L52 Industrial Policy Sectoral Planning Methods
  - L53 Enterprise Policy
  - L59 Other
- L6 Industry Studies: Manufacturing
  - L60 General
  - L61 Metals and Metal Products Cement Glass Ceramics

- L62 Automobiles Other Transportation Equipment Related Parts and Equipment
- L63 Microelectronics Computers Communications Equipment
- L64 Other Machinery Business Equipment Armaments
- L65 Chemicals Rubber Drugs Biotechnology
- L66 Food Beverages Cosmetics Tobacco Wine and Spirits
- L67 Other Consumer Nondurables: Clothing, Textiles, Shoes, and Leather Goods; Household Goods; Sports Equipment
- L68 Appliances Furniture Other Consumer Durables
- L69 Other
- L7 Industry Studies: Primary Products and Construction
  - L70 General
  - L71 Mining, Extraction, and Refining: Hydrocarbon Fuels
  - L72 Mining, Extraction, and Refining: Other Nonrenewable Resources
  - L73 Forest Products
  - L74 Construction
  - L78 Government Policy
  - L79 Other
- L8 Industry Studies: Services
  - L80 General
  - L81 Retail and Wholesale Trade e-Commerce
  - L82 Entertainment Media
  - L83 Sports Gambling Restaurants Recreation Tourism
  - L84 Personal, Professional, and Business Services
  - L85 Real Estate Services
  - L86 Information and Internet Services Computer Software
  - L87 Postal and Delivery Services
  - L88 Government Policy
  - L89 Other
- L9 Industry Studies: Transportation and Utilities
  - L90 General
  - L91 Transportation: General
  - L92 Railroads and Other Surface Transportation
  - L93 Air Transportation
  - L94 Electric Utilities
  - L95 Gas Utilities Pipelines Water Utilities
  - L96 Telecommunications
  - L97 Utilities: General
  - L98 Government Policy
  - L99 Other

# M. Business Administration and Business Economics • Marketing • Accounting

M00 General

- M1 Business Administration
  - M10 General
  - M11 Production Management
  - M12 Personnel Management Executives; Executive Compensation
  - M13 New Firms Startups

M14 Corporate Culture • Diversity • Social Responsibility N22 U.S. • Canada: 1913-M15 IT Management N23 Europe: Pre-1913 M16 International Business Administration N24 Europe: 1913-M19 Other N25 Asia including Middle East N26 Latin America • Caribbean M2 Business Economics N27 Africa • Oceania M20 General M21 Business Economics N3 Labor and Consumers, Demography, Education, Health, Welfare, Income, Wealth, Religion, and Philanthropy M29 Other N30 General, International, or Comparative N31 U.S. • Canada: Pre-1913 M3 Marketing and Advertising N32 U.S. • Canada: 1913-M30 General N33 Europe: Pre-1913 M31 Marketing N34 Europe: 1913-M37 Advertising N35 Asia including Middle East M38 Government Policy and Regulation N36 Latin America • Caribbean M39 Other N37 Africa • Oceania M4 Accounting and Auditing N4 Government, War, Law, International Relations, and Regulation M40 General N40 General, International, or Comparative M41 Accounting N41 U.S. • Canada: Pre-1913 M42 Auditing N42 U.S. • Canada: 1913-M48 Government Policy and Regulation N43 Europe: Pre-1913 M49 Other N44 Europe: 1913-N45 Asia including Middle East M5 Personnel Economics N46 Latin America • Caribbean M50 General N47 Africa • Oceania M51 Firm Employment Decisions • Promotions M52 Compensation and Compensation Methods and Their Effects N5 Agriculture, Natural Resources, Environment, and Extractive Industries M53 Training N50 General, International, or Comparative M54 Labor Management N51 U.S. • Canada: Pre-1913 M55 Labor Contracting Devices N52 U.S. • Canada: 1913-M59 Other N53 Europe: Pre-1913 N. Economic History N54 Europe: 1913-N55 Asia including Middle East N00 General N56 Latin America • Caribbean N01 Development of the Discipline: Historiographical; Sources and N57 Africa • Oceania N6 Manufacturing and Construction N1 Macroeconomics and Monetary Economics • Industrial Structure • N60 General, International, or Comparative Growth • Fluctuations N61 U.S. • Canada: Pre-1913 N10 General, International, or Comparative N62 U.S. • Canada: 1913-N11 U.S. • Canada: Pre-1913 N63 Europe: Pre-1913 N12 U.S. • Canada: 1913-N64 Europe: 1913-N13 Europe: Pre-1913 N65 Asia including Middle East N14 Europe: 1913-N66 Latin America • Caribbean

N2 Financial Markets and Institutions

N17 Africa • Oceania

N15 Asia including Middle East

N16 Latin America • Caribbean

N20 General, International, or Comparative

N21 U.S. • Canada: Pre-1913

N67 Africa • Oceania

N71 U.S. • Canada: Pre-1913

N72 U.S. • Canada: 1913-

N73 Europe: Pre-1913

N7 Transport, Trade, Energy, Technology, and Other Services N70 General, International, or Comparative

- N74 Europe: 1913-
- N75 Asia including Middle East
- N76 Latin America Caribbean
- N77 Africa Oceania

#### N8 Micro-Business History

- N80 General, International, or Comparative
- N81 U.S. Canada: Pre-1913
- N82 U.S. Canada: 1913-
- N83 Europe: Pre-1913
- N84 Europe: 1913-
- N85 Asia including Middle East
- N86 Latin America Caribbean
- N87 Africa Oceania

## N9 Regional and Urban History

- N90 General, International, or Comparative
- N91 U.S. Canada: Pre-1913
- N92 U.S. Canada: 1913-
- N93 Europe: Pre-1913
- N94 Europe: 1913-
- N95 Asia including Middle East
- N96 Latin America Caribbean
- N97 Africa Oceania

## O. Economic Development, Technological Change, and Growth

## O1 Economic Development

- O10 General
- O11 Macroeconomic Analyses of Economic Development
- O12 Microeconomic Analyses of Economic Development
- O13 Agriculture Natural Resources Energy Environment Other Primary Products
- O14 Industrialization Manufacturing and Service Industries Choice of Technology
- O15 Human Resources Human Development Income Distribution Migration
- O16 Financial Markets Saving and Capital Investment Corporate Finance and Governance
- O17 Formal and Informal Sectors Shadow Economy Institutional Arrangements
- O18 Urban, Rural, Regional, and Transportation Analysis Housing Infrastructure
- O19 International Linkages to Development Role of International Organizations

## O2 Development Planning and Policy

- O20 General
- O21 Planning Models Planning Policy
- O22 Project Analysis
- O23 Fiscal and Monetary Policy in Development
- O24 Trade Policy Factor Movement Policy Foreign Exchange Policy
- O25 Industrial Policy
- O29 Other

- O3 Innovation Research and Development Technological Change Intellectual Property Rights
  - O30 General
  - O31 Innovation and Invention: Processes and Incentives
  - O32 Management of Technological Innovation and R&D
  - O33 Technological Change: Choices and Consequences Diffusion Processes
  - O34 Intellectual Property and Intellectual Capital
  - O35 Social Innovation
  - O38 Government Policy
  - O39 Other

## O4 Economic Growth and Aggregate Productivity

- O40 General
- O41 One, Two, and Multisector Growth Models
- O42 Monetary Growth Models
- O43 Institutions and Growth
- O44 Environment and Growth
- O47 Empirical Studies of Economic Growth Aggregate Productivity Cross-Country Output Convergence
- O49 Other

#### O5 Economywide Country Studies

- O50 General
- O51 U.S. · Canada
- O52 Europe
- O53 Asia including Middle East
- O54 Latin America Caribbean
- O55 Africa
- O56 Oceania
- O57 Comparative Studies of Countries

## P. Economic Systems

## P00 General

## P1 Capitalist Systems

- P10 General
- P11 Planning, Coordination, and Reform
- P12 Capitalist Enterprises
- P13 Cooperative Enterprises
- P14 Property Rights
- P16 Political Economy
- P17 Performance and Prospects
- P18 Energy Environment
- P19 Other

## P2 Socialist Systems and Transitional Economies

- P20 General
- P21 Planning, Coordination, and Reform
- P22 Prices
- P23 Factor and Product Markets Industry Studies Population
- P24 National Income, Product, and Expenditure Money Inflation
- P25 Urban, Rural, and Regional Economics

- P26 Political Economy Property Rights
- P27 Performance and Prospects
- P28 Natural Resources Energy Environment
- P29 Other

#### P3 Socialist Institutions and Their Transitions

- P30 General
- P31 Socialist Enterprises and Their Transitions
- P32 Collectives Communes Agriculture
- P33 International Trade, Finance, Investment, Relations, and Aid
- P34 Financial Economics
- P35 Public Economics
- P36 Consumer Economics Health Education and Training Welfare, Income, Wealth, and Poverty
- P37 Legal Institutions Illegal Behavior
- P39 Other

## P4 Other Economic Systems

- P40 General
- P41 Planning, Coordination, and Reform
- P42 Productive Enterprises Factor and Product Markets Prices Population
- P43 Public Economics Financial Economics
- P44 National Income, Product, and Expenditure Money Inflation
- P45 International Trade, Finance, Investment, and Aid
- P46 Consumer Economics Health Education and Training Welfare, Income, Wealth, and Poverty
- P47 Performance and Prospects
- P48 Political Economy Legal Institutions Property Rights Natural Resources Energy Environment Regional Studies
- P49 Other

#### P5 Comparative Economic Systems

- P50 General
- P51 Comparative Analysis of Economic Systems
- P52 Comparative Studies of Particular Economies
- P59 Other

# Q. Agricultural and Natural Resource Economics • Environmental and Ecological Economics

- Q00 General
- Q01 Sustainable Development
- Q02 Commodity Markets

#### Q1 Agriculture

- Q10 General
- Q11 Aggregate Supply and Demand Analysis Prices
- Q12 Micro Analysis of Farm Firms, Farm Households, and Farm Input Markets
- Q13 Agricultural Markets and Marketing Cooperatives Agribusiness
- Q14 Agricultural Finance
- Q15 Land Ownership and Tenure Land Reform Land Use Irrigation Agriculture and Environment
- Q16 R&D Agricultural Technology Biofuels Agricultural

#### **Extension Services**

- Q17 Agriculture in International Trade
- Q18 Agricultural Policy Food Policy
- Q19 Other

#### O2 Renewable Resources and Conservation

- Q20 General
- Q21 Demand and Supply Prices
- Q22 Fishery Aquaculture
- Q23 Forestry
- Q24 Land
- O25 Water
- Q26 Recreational Aspects of Natural Resources
- Q27 Issues in International Trade
- Q28 Government Policy
- Q29 Other

#### Q3 Nonrenewable Resources and Conservation

- Q30 General
- Q31 Demand and Supply Prices
- Q32 Exhaustible Resources and Economic Development
- Q33 Resource Booms
- Q34 Natural Resources and Domestic and International Conflicts
- Q35 Hydrocarbon Resources
- Q37 Issues in International Trade
- Q38 Government Policy
- Q39 Other

## Q4 Energy

- O40 General
- Q41 Demand and Supply Prices<sup>†</sup>
- Q42 Alternative Energy Sources
- Q43 Energy and the Macroeconomy
- Q47 Energy Forecasting
- Q48 Government Policy
- Q49 Other

## Q5 Environmental Economics

- Q50 General
- Q51 Valuation of Environmental Effects
- Q52 Pollution Control Adoption and Costs Distributional Effects Employment Effects
- Q53 Air Pollution Water Pollution Noise Hazardous Waste Solid Waste Recycling
- Q54 Climate Natural Disasters and Their Management Global Warming
- Q55 Technological Innovation
- Q56 Environment and Development Environment and Trade Sustainability Environmental Accounts and Accounting Environmental Equity Population Growth
- Q57 Ecological Economics: Ecosystem Services Biodiversity Conservation Bioeconomics Industrial Ecology
- Q58 Government Policy
- Q59 Other

## R. Urban, Rural, Regional, Real Estate, and Transportation Economics

R00 General

## R1 General Regional Economics

R10 General

R11 Regional Economic Activity: Growth, Development, Environmental Issues, and Changes

R12 Size and Spatial Distributions of Regional Economic Activity

R13 General Equilibrium and Welfare Economic Analysis of Regional Economies

R14 Land Use Patterns

R15 Econometric and Input-Output Models • Other Models

R19 Other

## R2 Household Analysis

R20 General

**R21 Housing Demand** 

R22 Other Demand

R23 Regional Migration • Regional Labor Markets • Population • Neighborhood Characteristics

R28 Government Policy

R29 Other

#### R3 Real Estate Markets, Spatial Production Analysis, and Firm Location

R30 General

R31 Housing Supply and Markets

R32 Other Spatial Production and Pricing Analysis

R33 Nonagricultural and Nonresidential Real Estate Markets

R38 Government Policy

R39 Other

## **R4** Transportation Economics

R40 General

R41 Transportation: Demand, Supply, and Congestion • Travel Time • Safety and Accidents • Transportation Noise

R42 Government and Private Investment Analysis • Road Maintenance • Transportation Planning

R48 Government Pricing and Policy

R49 Other

## R5 Regional Government Analysis

R50 General

R51 Finance in Urban and Rural Economies

R52 Land Use and Other Regulations

R53 Public Facility Location Analysis • Public Investment and Capital Stock

R58 Regional Development Planning and Policy

R59 Other

## Y. Miscellaneous Categories

Y1 Data: Tables and Charts

Y10 Data: Tables and Charts

Y2 Introductory Material

Y20 Introductory Material

Y3 Book Reviews (unclassified)

Y30 Book Reviews (unclassified)

Y4 Dissertations (unclassified)

Y40 Dissertations (unclassified)

Y5 Further Reading (unclassified)

Y50 Further Reading (unclassified)

Y6 Excerpts

Y60 Excerpts

Y7 No Author General Discussions

Y70 No Author General Discussions

Y8 Related Disciplines

Y80 Related Disciplines

Y9 Other

Y90 Other

Y91 Pictures and Maps

Y92 Novels, Self-Help Books, etc.

## **Z.** Other Special Topics

Z00 General

## Z1 Cultural Economics • Economic Sociology • Economic Anthropology

Z10 General

Z11 Economics of the Arts and Literature

Z12 Religion

Z13 Economic Sociology • Economic Anthropology • Social and Economic Stratification

Z18 Public Policy

Z19 Other

## Z2 Sports Economics

Z20 General

Z21 Industry Studies

Z22 Labor Issues

Z23 Finances

Z28 Policy

Z29 Other

## **Z3** Tourism Economics

Z30 General

Z31 Industry Studies

Z32 Tourism and Development

Z33 Marketing and Finance

Z38 Policy Z39 Other